



Date of Application, 10th Jan., 1895—Accepted, 16th Feb., 1895

COMPLETE SPECIFICATION.

Improved Distributor for Insecticide, Disinfectant, and other Powders.

I, JOHN FRED DAVIES, of 7 High Town, Hay, Chemist, do hereby declare the nature of this invention and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

The object of my invention is to provide an improved distributor for insecticide
5 disinfectant and other powders.

In carrying out my invention I adopt the following arrangements:—

A box or case of metal or suitable material contains the powder to be distributed.

This box or case is preferably formed in cross section approximating to an
10 equilateral triangle but with rounded corners and the widest part at the top. For convenience of standing in an upright position when not in use a flat bottom may be formed of a separate piece of sheet metal or the like, this piece being turned up on each side of the receptacle longitudinally and affording additional strength thereto.

15 In a central position on top of the receptacle is a circular opening with a screwed flange, to allow of re-filling when required.

This opening is closed by means of a cover screwed thereon. At one end of the box or case is a curved pipe serving as a spout, and at the opposite end is another
20 pipe to which is attached a tube of rubber or flexible substance terminating in a collapsible or elastic ball. These two pipes are let into the lower part of the receptacle one at each end thereof and extend inside the same for a suitable distance, so that the ends approach one another near the centre. Upon pressure being applied to the collapsible ball at end of flexible tube aforesaid, powder from the receptacle is forced through the spout and distributed as required.

25 In order that the nature of my invention and the manner of performing the same may be clearly understood I will now proceed to further describe the same with reference to the accompanying drawings:

Fig. 1 is side elevation,

Fig. 2 end elevation, and

30 Fig. 3 top plan of my improved apparatus.

a is the receptacle for powder, b cover or lid screwed into opening in case or box a , c distributing pipe or spout which may be cut away on under side at end d
in order to prevent the powder being blown away from the place where it is intended to fall. e pipe at opposite end of box a , to which flexible tube f
35 terminating in collapsible pneumatic ball g .

To enable the receptacle a to stand firmly when not in use, it may have flat base a^1 and sides a^2 as shewn in Figs. 1 and 2.

When the apparatus is in use, all that is necessary is to compress the pneumatic or collapsible ball g when the air passing through flexible tube f and pipe e forces
40 out powder from receptacle a through the curved spout or pipe c .

This improved apparatus may be employed for distributing insecticide, disinfectant, or other powders.

Having now particularly described and ascertained the nature of my said invention, and in what manner the same is to be performed, I declare that what
45 I claim is;

CLAIMS.

1. The improved distributor for insecticide disinfectant and other powders,
[Price 8d.]

Davies' Improved Distributor for Insecticide, Disinfectant, and other Powders.

substantially as hereinbefore set forth and described and illustrated by the accompanying drawings.

Dated this day of January 1895.

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23, Coleman Street, London, E.C., Agents for the Applicant.

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FIG. 1

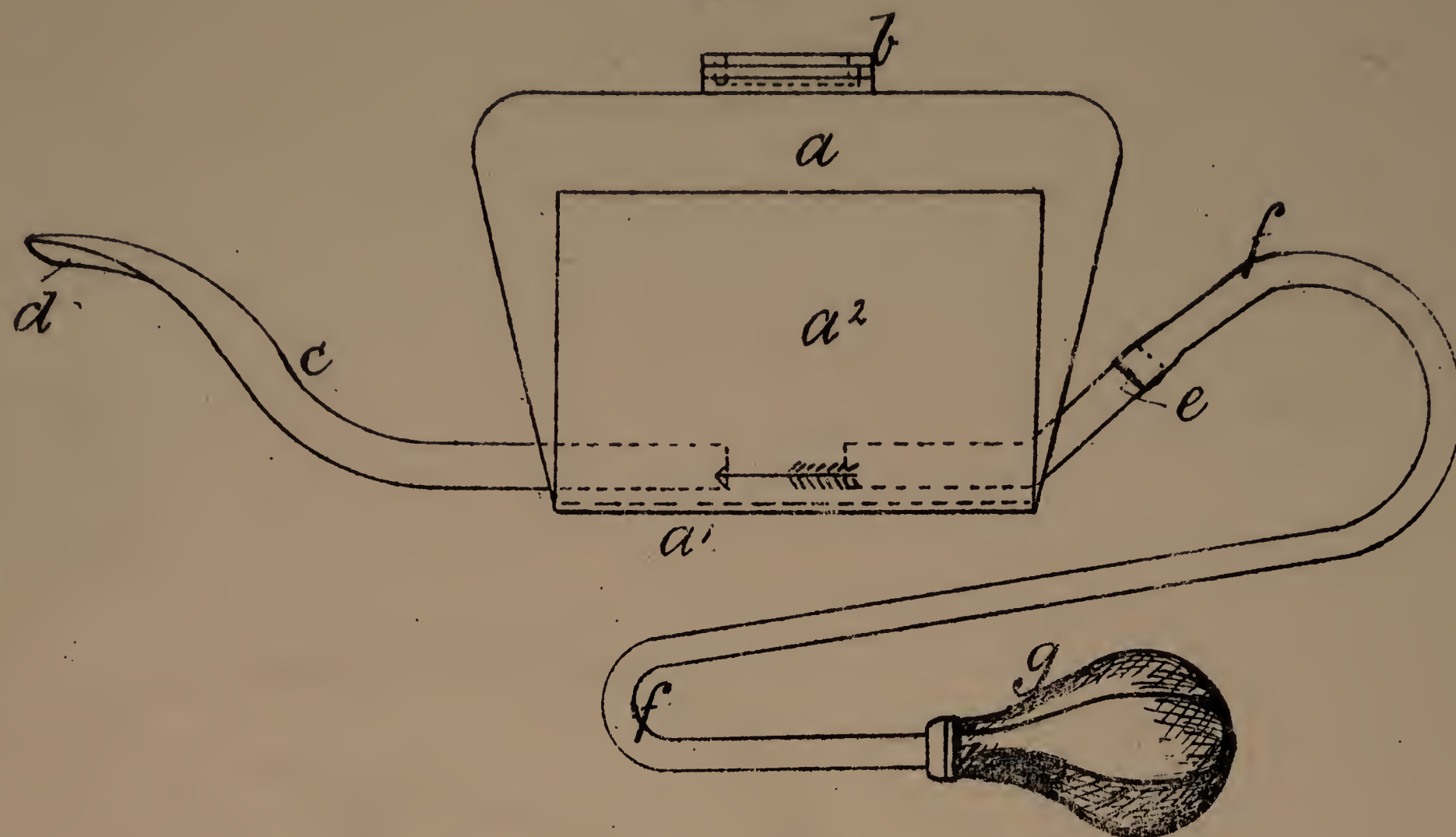


FIG. 2.

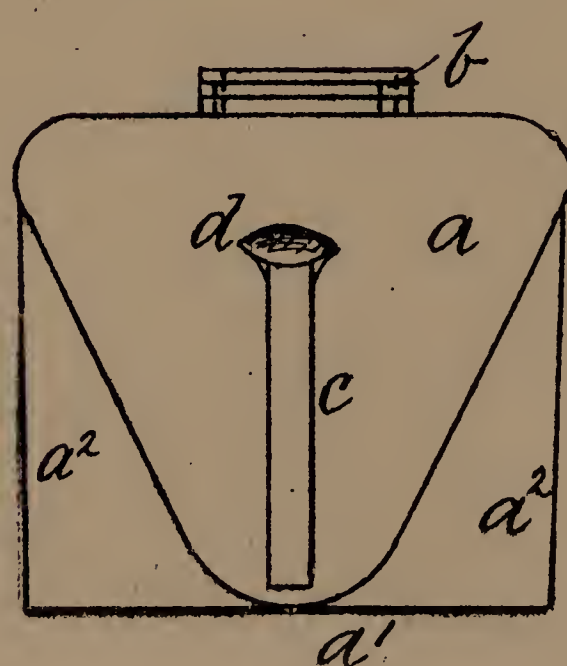
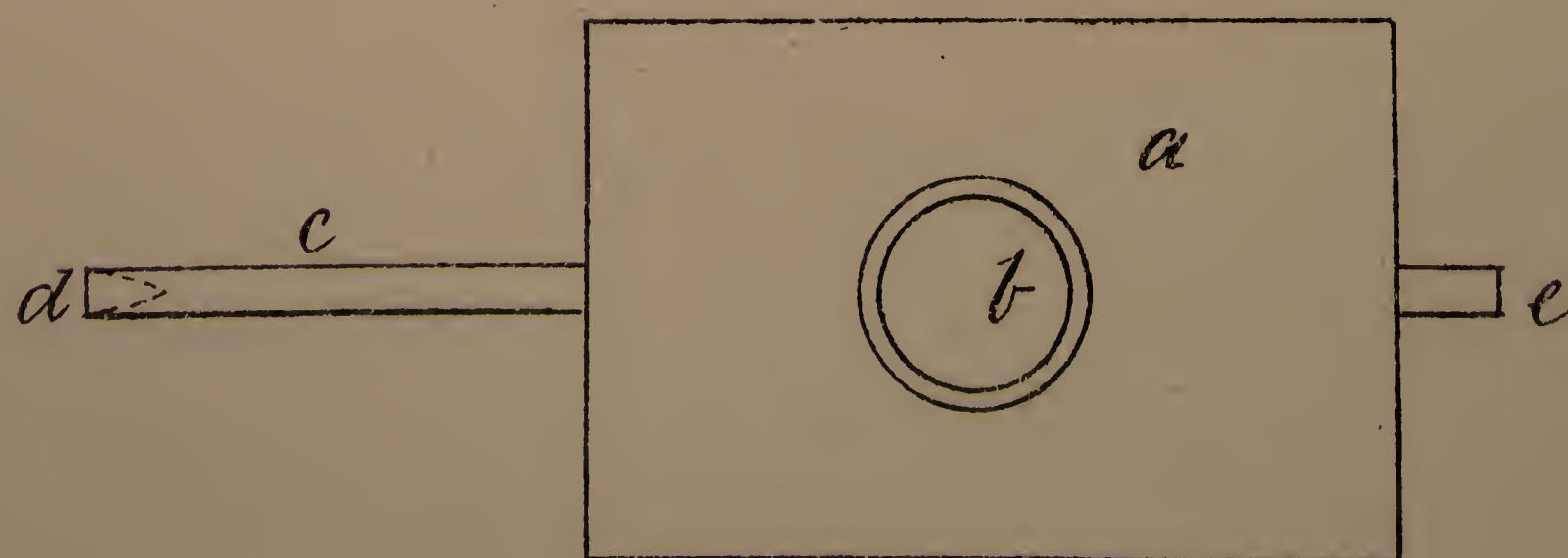


FIG. 3



[This Drawing is a reproduction of the Original on a reduced scale]

